

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ ES 2005/000158

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F21V21/04, 31/00; F21S8/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F21V, F21S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US2004120141 A1 (BEADLE JOSHUA Z) 24.06.2004. page 2 paragraphs 0018,0019,0020,0023, figure 3	1-3
A	EP0499044 A1 (HOFFBAUER HERNER GLAS) 19.08.1992. page 3, column 4. line 62-page 4, column 5, line 1 (the abstract) figure 1	1
A	DE19547267 A1 (LEBER HERMANN) 03.07.1997. (The abstract) Figures	1
A	US5908236 A (LUEKEN et al.) 01.06.1999. (The abstract) Figures	2
A	DE4309804 A1 (HOFFBAUER HERNER GLAS). 06.10.1994. (The abstract) Figure 1	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 May 2005 (13.05.05)

Date of mailing of the international search report

18 May 2005 (18.05.05)

Name and mailing address of the ISA/

S.P.T.O.

Authorized officer

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/ ES 2005/000158

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004120141 A1	24.06.2004	US 6779907 B	24.08.2004 24.08.2004 24.08.2004
DE4309804 A 1 C 2	06.10.1994	NONE	-----
EP 0499044 A1	19.08.1992	EP 19920100795 DE 4104727 C1 TR 26734 A AT 130424 T DE 59204289 D ES 2080347 T	18.01.1992 27.08.1992 15.05.1995 15.12.1995 21.12.1995 01.02.1996
DE19547267 A 1 C 2	03.07.1997	NONE	-----
US 5908236 A	01.06.1999	CA 2244719 A1	06.02.1999